0054823

Meeting Minutes Transmittal

324 REC/HLV
Project Managers' Meeting
Federal Building/Room 554
Richland, Washington

February 7, 2001
3:00 p.m. to 4:00 p.m.

The undersigned indicate by their signatures that these meetings minutes reflect the actual occurrences of the above dated Unit Managers Meeting.

D C Langstaff Date: 3/15/01
David C. Langstaff, RL Representative

Fred W Bond Date: 3/15/01
F. W. Bond, Washington State Department of Ecology

JM Barnett for DER Date: 15 March 2001
D. E. Rasmussen, Contractor Representative, FH

Meeting Minutes are attached. The minutes are comprised of the following:

Attachment 1 - Agenda
Attachment 2 - Summary of Discussion and Commitments/Agreements
Attachment 3 - Attendance List
Attachment 4 – Letter, C. E. Clark, RL, to M. A. Wilson, RL, "Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Interim Milestone M-89-02, Complete Removal of 324 Building Radiochemical Engineering Cells (REC) B-Cell Mixed Waste (MW) and Equipment, November 30, 2000, 01-FTD-010, dated December 21, 2000
Attachment 5 – January 2000 324 Building B-Cell Highlights
Attachment 6 – 324 Building M-89-02 Checklist as of 1/31/01 redline/strikeout version
Attachment 7 – 324 Building M-89-02 Checklist as of 1/31/01
Attachment 8 – Sketch of items in B-Cell as of 2/5/01

Attachment 1

324 REC/HLV
Project Managers' Meeting
Federal Building/Room 554
Richland, Washington

February 7, 2001
3:00 – 4:00 p.m.

AGENDA

1. Introduction(s)
2. Previous meeting minutes
3. B-Cell cleanout project status
   a. M-89-02 Milestone revised schedule/activities status
   b. Recent progress/highlights
   c. TPA interim milestone M-89-02 Completion Checklist showing M-89-02 status as of January 31, 2001
4. Action item review
   a. Bring videotape showing B-Cell activities
   b. Other action(s)
5. Other topics/discussions
   a. Future 324 Building visits/workshops as appropriate
   b. Documents/letters protocol information
6. Other topics
7. Schedule next meeting

Attachment 2

324 REC/HLV
Project Managers Meeting
Federal Building, Room 554
Richland, Washington

February 7, 2001
3:00 p.m. - 4:00 p.m.

1. Introduction(s)

   Introductions were made. D. Singleton (Ecology) is taking over responsibility for the 324 REC/HLV.

2. Previous Meeting Minutes

   The December 19, 2000, Project Manager Meeting (PMM) minutes were approved. The January 11, 2001, are ready for review and comment.

3. B-Cell cleanout project status

   a. M-89-02 Milestone revised schedule/activities status

      D. Rasmussen (FH) provided a copy of the December 21, 2000, letter from the U.S. Department of Energy (DOE), Richland Operations Office (RL) to the Washington State Department of Ecology (Ecology) regarding the revised schedule for B-Cell cleanout (Attachment No. 4). A copy of the revised schedule was also attached to the letter. The 30-ton crane was repaired and returned to work on schedule. The mixed waste portion of milestone M-89-02 is on schedule to meet the March 30, 2001, date. The 3-82B shipments are on track to meet the July 31, 2001, date.

      R. Bond (Ecology) inquired about the original milestone date for the 3-82B shipments. RL provided a brief explanation of events resulting in the agreement among Ecology, RL and the contractors on the July 31, 2001, date for completing the M-89-02 scope of work. The M-89-02 work scope originated with the *Hanford Federal Facility Agreement and Consent Order*. The agreement on the July 31, 2001, date is documented through PMM minutes, change requests and letters.

   b. Recent progress/highlights

      D. Rasmussen distributed a handout summarizing the 324 Building B-Cell Highlights from January 1, 2001, through January 31, 2001 (Attachment No. 5). T. Erickson (FH) reported that two more shipments of SWDBs have been completed, bringing the total to nine. The possibility still exists of shipping less

than 14 containers. There were two SWDBs that had hot spots exceeding the 1,000 millirem/hr (1,500 and 5,200). Both SWDBs were accepted at the Central Waste Complex (CWC) following the authorization basis documentation efforts by RL, FH and CWC.

T. Erickson stated that the facility is currently operating a 24-hour-a-day campaign for a four-week period in an effort to complete the final scraping and clamshelling of waste ahead of schedule.

Regarding the non-mixed waste activities, Grout containers 118 and 160 (GC-118 and -160) have been loaded and staged in A-Cell. The facility is initiating procedures to prepare for non-mixed waste shipments, which will take place after the completion of the mixed waste shipments.

c. Tri-Party Agreement interim milestone M-89-02 Completion Checklist showing M-89-02 status as of January 31, 2001

D. Rasmussen provided two handouts of the 324 Building M-89-02 checklist. The first handout was the December 31, 2000, redline, strikeout version of the checklist to show what progress had been made as of January 31, 2001 (Attachment No. 6). The second handout was the clean version of the January 31, 2001, status (Attachment No. 7). D. Rasmussen pointed out all the changes incorporated into the current checklist.

4. Action Item Review

a. Bring videotape showing B-Cell activities

A videotape was provided for viewing, along with a sketch of the items in B-Cell (Attachment No. 8). There were four separate excerpts depicting scraping and clamshelling, filling GC-115, and a mockup of vacuuming dirt on the floor.

b. Other action(s)

There were no new actions.

5. Other topics/discussion

a. Future 324 Building visits/workshops as appropriate

Ecology will visit the 324 Building on February 8, 2001, to view the vacuuming operation.

b. Documents/letters protocol information

This item was deferred for discussion during Ecology's visit tomorrow (2/8/01) at the 324 Building.

c. Other topics

A discussion was held regarding the process for documenting that the mixed waste has been removed and B-Cell has been vacuumed satisfactorily, meeting milestone M-89-02. D. Singleton and R. Bond both stated that viewing the videotapes and real-time vacuuming of B-Cell, along with detailed explanations of what is in the cell, what is being removed and what cannot be removed, will assist them in making a determination that the milestone has been completed.

T. Erickson noted that some equipment originally planned for disposal will be retained for use. This topic will be discussed during Ecology's visit to the 324 Building tomorrow (February 8, 2001).

6. Schedule Next Meeting

The next meeting was scheduled for March 15, 2001, at 3:00 p.m. at the Federal Building in Richland, Washington.

Attachment 3

Attendance List

Meeting Title: 324 Building REC/HLV Project Managers Meeting (PMM)

Date: February 7, 2001

Original included in hard copy.

Name	Company	Phone Number
David E. Rasmussen	FH-RCP	376-3288
Deborah Singleton	Ecology	736-5722
Dennis A. Brown	DOE-FTD	376-8876
Edward Krohn	FH-RCP-324	373-1538
Tim Erickson	FH-RCP 324 Project	373-0295
Rick Bond	Ecology	736-3007
David C. Langstaff	DOE-FTD	376-5580
Dave Templeton	DOE-RL FTD	373-2966
Norm Boyter	FH-RCP	373-3725
Mal Wright	FH-RCP-324	373-5864
J. Matthew Barnett	FH-RCP	373-2928

Attachment 4

Letter, C. E. Clark, RL, to M. A. Wilson, RL, "Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Interim Milestone M-89-02, Complete Removal of 324 Building Radiochemical Engineering Cells (REC) B-Cell Mixed Waste (MW) and Equipment, November 30, 2000, 01-FTD-010, dated December 21, 2000

Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

01-FTD-010

DEC 21 2000

Mr. Michael A. Wilson, Program Manager
Nuclear Waste Program
State of Washington
Department of Ecology
P.O. Box 47600
Olympia, Washington 98504

Dear Mr. Wilson:

HANFORD FEDERAL FACILITY AGREEMENT AND CONSENT ORDER (TRI-PARTY AGREEMENT) INTERIM MILESTONE M-89-02, COMPLETE REMOVAL OF 324 BUILDING RADIOCHEMICAL ENGINEERING CELLS (REC) B-CELL MIXED WASTE (MW) AND EQUIPMENT, NOVEMBER 30, 2000

The U.S. Department of Energy, Richland Operations Office (RL) and Fluor Hanford, Inc. (FHI) are providing the State of Washington Department of Ecology (Ecology) the enclosed recovery schedule for Tri-Party Agreement Interim Milestone M-89-02. The recovery schedule supports the FHI developed Milestone Recovery Plan for M-89-02 referenced in my previous letter (01-FTD-006) to you on this subject dated November 8. RL and FHI included your staff in the development of the recovery plan before providing the revised schedule.

The schedule shows that shipment of mixed waste associated with M-89-02 to the 200 Area will be completed by March 30, 2001, and shipment of non-mixed waste associated with M-89-02 to the 200 Area will be completed by July 31, 2001. The schedule for repair and maintenance of the 30-ton crane appears first on the schedule because the annual maintenance is required in December 2000 and the crane must be operable and available to support shipment of all waste from B-Cell out of the 324 Building. Availability of the B-Cell, airlock, and cask-handling area cranes is essential to moving B-Cell waste out of the 324 Building and to maintaining the recovery schedule. Another key factor potentially limiting shipments of mixed waste to the 200 Area is the weather; the operational controls on the packaging require ambient air temperature to be greater than 32°F because of the package material.

The M-89-02 milestone commitment to the November 30, date was established in November 1998 in Tri-Party Agreement Change Number M-89-98-03. Since that time, the 324 Building project team has continually worked to overcome a number of technical, administrative, work force, and schedule challenges to sustain progress toward meeting M-89-02. In spite of these aggressive efforts often made at a cost of personal sacrifice by the staff, recent delays caused by various technical difficulties, operational concerns, and equipment malfunctions have resulted in the project being behind schedule. Building on this experience, FHI has developed the enclosed recovery schedule using realistic work planning assumptions that now consider the uncertainties concerning equipment availability, overtime scheduling, conduct of operations improvements, and technical challenges.

If you have any questions, please contact me on (509) 376-9333, or your staff may contact David C. Langstaff, Facility Transition Division, on (509) 376-5580.

Sincerely,

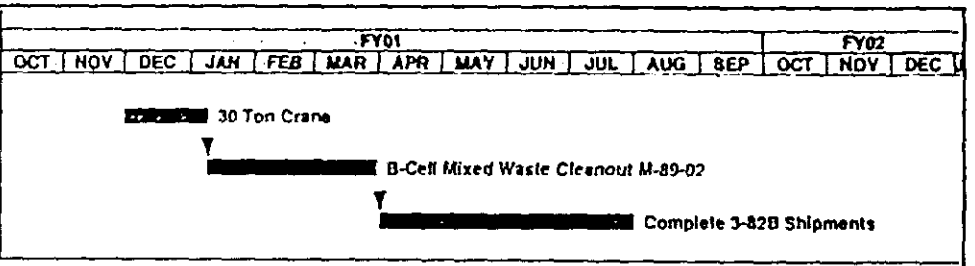
Clifford E. Clark, Acting Program Manager
Office of Regulatory Liaison

FTD: DCL

Enclosure

cc w/encl.:
M. L. Blazek, OOE
F. W. Bond, Ecology
R. F. Stanley, Ecology
N. C. Boyter, FHI
J. S. Hertzel, FHI
W. Burke, CTUIR
R. Jim, YN
M. B. Reeves, HAB
P. Sobotta, NPT
D. Sherwood, EPA
Administrative Record
Ecology Library, Kennewick
Environmental Portal, LMSI
D.E. Rasmussen (from DW Templeton)
xc: Mal Wright
Tim Ericsen
Darrell Riffe
Jon Perry
Ned Kroha, Jr.
Matthew Barnett
Dave Langstaff
Dave Templeton
Gloria Williams
-FYE.
DE Rasmussen 11/03/01

Activity ID	Activity Description	Early Start	Scheduled Finish
Recovery Schedule			
M89A	30 Ton Crane	01DEC00	08JAN01
M89C	B-Cell Mixed Waste Cleanout M-89-02	09JAN01	30MAR01
M89B	Complete 3-82B Shipments	02APR01	31JUL01



Start Date	01SEP00	M89A	Tri-Party Agreement	Sheet 1 of 1
Finish Date	31JUL01		Interim Milestone	Recovery Schedule
Data Date	01SEP00		M-89-02	
Run Date	21DEC00 15:12			

Attachment 5

January 2000 324 Building B-Cell Highlights

Mixed waste (MW) Activities

Steel Waste Disposal Box (SWDB) Container MW Shipments to 200 Area

- Shipped three additional SWDBs to 200 Area Central Waste Complex (CWC)

RGC-324-00-101	01/09/01	5th SWDB shipment
RGC-324-00-104	01/15/01	6th SWDB shipment
RGC-324-00-102	01/26/01	7th SWDB shipment

- Seven (7) of fourteen (14) planned SWDB shipments are complete, as of 01/31/01
- Continued CWC authorization basis documentation activities in the effort addressing SDWBs with bottom hot spots exceeding 1000 millirem/hr

SWDB Loadouts and staging of SWDBs for shipment

- Performed four loadouts of RGCs from B-Cell and staged SWDBs in 90-day area

RGC-324-00-104	6th Loadout	250 millirem/hr bottom hot spots
RGC-324-00-102	7th Loadout	750 millirem/hr bottom hot spots
RGC-324-00-117	8th Loadout	5000 millirem/hr bottom hot spots
RGC-324-00-119	9th Loadout	1500 millirem/hr bottom hot spots

- Completed SDWB bottom dose screening for four SWDBs above
- Nine (9) of fourteen (14) planned MW loadouts are complete , as of 01/31/01

Filling/Loading MW items into Rectangular Grout Containers (RGCs) within B-Cell

- Completed loading/filling of MW items for three RGCs
  - RGC-324-00-104
  - RGC-324-00-102
  - RGC-324-00-119
- Completed pre-loadout preparations as necessary for above RGCs
- Clamshelled and loaded MW debris into RGC-324-00-115 (10th RGC)
- Prepared RGC-324-00-100 (11th RGC) for entry into B-Cell
- Nine (9) of fourteen (14) planned RGCs have been filled/loaded with MW, as of 01/31/01

Non-Mixed Waste (non-MW) Activities

- Loaded non-MW items into GC-118 and GC-160 (ready for staging in A-Cell)
- Thirty-five (35) of the planned forty (40) GCs have been filled/loaded and removed from B-Cell (for staging and shipment), as of 01/31/01
- Seventeen (17) of the thirty-five (35) loaded GCs have been shipped to the 200 Area, and eighteen (18) are staged in A-Cell for future shipment, as of 01/31/01
- Installed camera in A-Cell, determined there is room for staging few more GCs
- Initiated review of procedures to support upcoming shipments of GCs in the 3-82B cask

Attachment 6

324 Building M-89-02 Checklist as of 1/31/01 redline/strikeout version

324 BUILDING – TRI-PARTY AGREEMENT MILESTONE M-89-02 CHECKLIST – ~~DECEMBER 31, 2000~~JANUARY 31, 2001

The Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Milestone M-89-02 is defined in Tri-Party Agreement Change Number M-89-98-03 (Reference 1 below) as "Complete removal of 324 Building REC B-Cell MW and Equipment". The M-89-98-03 change indicates that containerized mixed-waste (MW) will be managed in compliance with Chapter 173.303 WAC (Washington Administrative Code, Dangerous Waste Regulations), thereby reducing risks to human health and the environment. It also indicates that any remaining residues will be managed through the final closure process.

The checklist provided consists of a list of the actions and conditions described in the DOE RL letter number 00-FTD-006, "Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Interim Milestone M-89-02, Complete Removal of 324 Building REC B-Cell MW and Equipment, November 30, 2000" (Reference 2 below). The RL letter was submitted to Ecology on December 08, 1999. The RL letter provided an Attachment and a Table to provide greater definition for the performance standards to be met by interim milestone M-89-02. Ecology concurred with RL letter 00-FTD-006 in a response letter (same subject) to RL, dated February 28, 2000 (Reference 3 below). Detailed B-Cell equipment information regarding useable deactivation equipment was provided in a one-page information handout at the May 18, 2000, Project Manager Meeting (Reference 4 below). Ecology provided clarifications regarding the interim milestone M-89-02 in a one-page handout at the August 9, 2000, Project Managers' Meeting (Reference 5, Attachment 6, Ecology handout regarding use of 90-day MW accumulation area and clarifications regarding M-89-02 milestone performance standard).

Note: The non-shaded areas in the checklist table will be used to provide status information for activities/measures.

References:

1) TPA Change Number M-89-98-03, for Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement, TPA), regarding Milestone M-89-02, November 1998
2) DOE RL Letter No. 00-FTD-006, "Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Interim Milestone M-89-02, Complete Removal of 324 Building REC B-Cell MW and Equipment, November 30, 2000", dated December 08, 1999
3) Ecology letter dated February 28, 2000, same subject as reference (2)
4) 324 REC/HLV Project Managers' Meeting, May 18, 2000, Meeting Minutes, Attachment 4, List of Usable Deactivation Equipment, 324 Building, M-89-02, Detailed B-Cell Equipment Information 5/18/00
5) 324 REC/HLV Project Managers' Meeting, August 9, 2000, Meeting Minutes

324 BUILDING B-CELL MILESTONE M-89-02 WASTE SUMMARY

Steps	(1) Dispersibles		(2) Excess Equipment		(3) Debris	
	MW	Non-MW	MW	Non-MW	MW	Non-MW
Collect waste	X	-	-	-	X	X
Containerize	X	-	X	X	X	X
Remove/Stage	X	-	X	X	X	X
Ship containers	X	-	X	X	X	X

324 BUILDING TRI-PARTY AGREEMENT INTERIM MILESTONE M-89-02 CHECKLIST SHOWING STATUS AS OF ~~12/31/00~~01/31/01

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
1) First Distinct Action for M-89-02 (reference 1): Mixed waste (MW) must be containerized, removed from B-Cell and placed in a condition that is compliant with Chapter173.303 of the WAC Performance standard for First Distinct Action: • Removal of MW from the REC B-Cell requires the collection and containerization of dispersible material from the B-Cell • Collection will not include destructive and/or chemical methods (i.e., spalling or decontamination washes) so that a determination of liner interity (closure activity required post M-89-02) can be made prior to liner decontamination • The dispersible material will be containerized in a compliant (with receipt facility acceptance criteria) container system • Containerized dispersible material will be removed from REC B-Cell and may be moved to an interim storage area						

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
Activity(s)/Measure(s): 1a Perform collection and containerization of dispersibles through retrieval with a pneumatic clamshell from the B-Cell floor (reference 1)	P	Clamshelling of open areas has been performed. ~~Remaining clamshelling will require clearing the cell, and then scraping/clamshelling the floor. Clamshelling will be statused using systematic grid approach.~~ Additional clamshelling was performed after partially clearing and scraping the floor.	~~30%~~95%			
1b Following clamshelling (1a above), collect dispersibles by performing a filtered vacuum of the B-Cell floor (reference 1) (NOTE: Invite Ecology to observe vacuuming and documentation.)		Cold testing of vacuuming equipment has been performed outside of B-Cell. Vacuuming will be statused based on systematic grid approach.	0%			

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
1c Transfer dispersibles collected by these methods into containers for interim storage (reference 5, Section 5.6, directly loading MW dispersibles into rectangular grout containers))	P	An estimated nine (9) RGCs will contain primarily dispersibles Transfer of dispersibles into RGCs has been completed for ~~five (5)~~six (6) of nine (9) expected dispersibles RGCs, including following containers: RGC-324-00-123 (RGC-5) RGC-324-00-114 (RGC-8) RGC-324-00-117 (RGC-9) RGC-324-00-101 RGC-324-00-102 RGC-324-00-119 These RGCs contain some MW debris and MW equipment, but will be tracked as dispersibles RGCs on this checklist. Dispersibles contained in engineered containers (EC) located in the B-Cell wagon wheel storage rack have been transferred into RGCs.	~~55%~~67%			

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
Activity(s)/Measure(s) (continued): 1d Move containerized dispersibles to a compliant mixed waste storage area (reference 1)						

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated *Completion* Date	Actual *Completion* Date	Documentation Completed
1d.1 Remove containerized MW dispersible material from B-Cell (reference 1). -MW containers will be staged/moved to a 324 Building 90-day MW accumulation area after packaging and radiological survey. This provides waste management controls commensurate with WAC 173-303 *dangerous waste accumulation requirements.* Ecology concurrence (through enforcement discretion) is applicable for this activity since the MW is not newly generated (reference 5).	P	An estimated nine (9) RGCs will contain mostly dispersibles. ~~Three (3)~~Six (6) of the nine (9) expected dispersibles RGCs have been removed from B-Cell, including the following: RGC-324-00-123 (RGC-5) RGC-324-00-114 (RGC-8) RGC-324-00-101 RGC-324-00-102 RGC-324-00-117 RGC-324-00-119 The SWDB containing RGC-324-00-117 (formerly RGC-9) has bottom hot spots exceeding 1000 millirem/hr and ~~is still located in B-Cell. RGC-324-0-102 is in B-Cell, awaiting preparations for loadout.~~is staged in the 90-day area.	~~33%~~67%			

	Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
1d.2	Complete shipment (and receipt) of containerized MW dispersible material to 200 Area Central Waste Complex compliant MW storage area by 11/30/00 (reference 5)[1]	P	Shipping has been completed for ~~two (2)~~ four (4) of the nine (9) expected dispersibles RGCs, including the following: RGC-324-00-114 (10/09/00) RGC-324-00-123 (12/01/00) RGC-324-00-101 (01/09/01) RGC-324-00-102 (01/26/01)	~~22%~~ 44%			

[1] Reference 5, Attachment 6, indicates that all collected mixed waste must be removed from the 324 Building B-Cell and placed in compliant, long-term storage in the 200 Area prior to the deadline established by M-89-02 (November 30, 2000).

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
2) Second Distinct Action for M-89-02 (reference 1):						
The second distinct action required under interim milestone M-89-02 requires the removal of excess equipment from the REC B-Cell Table attached to RL letter 00-FTD-006 provides all equipment currently within the REC B-Cell and defines "Excess" versus "Required" equipment Performance Standard for Second Distinct Action: • Removal and containerization of all equipment (excluding Spent Nuclear Fuel) from B-Cell not required for the implementation of further closure actions and/or deactivation endpoints as established in the Closure Plan and the 324/327 Buildings integrated Project Management Plan (PMP), HNF-1289 • Excess equipment is defined in the attachment (pages 4-6) to RL letter 00-FTD-006, which provides the listing of B-Cell and a determination of its disposition status per M-89-02						

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
Activity(s)/Measure(s): 2a Containerize following "Excess" equipment from B-Cell (reference 1):						
2a.1 Rack 2A and remaining portions of previously size reduced racks	P	The last process rack, 2A, was size reduced in April 2000 and the last remnants (contained within non-MW grout containers) were relocated to A-Cell in June 2000. There is still one RGC in B-Cell with portions of rack components.	90%			
2a.2 2,265-kilogram steel block		This item is also called the 5,000 lb block, and it is scheduled to be deconned to contact handled levels and placed into a 5x5x9 box.				
2a.3 Sump trench cover screen (east end of B-Cell floor)						

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
2a.4 Waste containers (with contents requiring transfer into other containers) i.e., grout containers (non-MW), engineered containers (MW), and rectangular grout containers (RGC) (MW). These include GC-88, GC-115, GC-120, RGC-0, and engineered containers in wagon wheel.	P	Disposition/repackaging of waste ~~from four (4) of the~~from all of the subject five (5) items has been completed, including: GC-115 GC-120 GC-88 Wagon wheel EC dispersible RGC-0 Repackaging of contents of RGC-0 ~~is not complete yet.~~was completed. All wagon wheel EC dispersibles have been loaded into RGCs. The wagon wheel storage rack now contains two (2) empty ECs.	~~80%~~100%			
2a.5 Storage rack (wagon wheel holding engineered containers) used for Special-Case Waste and MW.						

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated *Completion* Date	Actual Completion Date	Documentation Completed
Activity(s)/Measure(s) (continued) 2b Remove containerized excess equipment designated as MW (in RGCs) from B-Cell (reference 1).	P	The lead shield plugs have been removed from B-Cell. ~~Two (2)~~ Three (3) of the five (5) expected MW equipment RGCs have been removed from B-Cell, including the following: RGC-324-00-083 (RGC-4) RGC-324-00-103 (RGC-6) RGC-324-00-104 One RGC still in B-Cell has been filled with equipment, including condensers, rack filters, and some items from RGC-0, and is awaiting loadout from B-Cell.	~~40%~~60%			
2c Ship containerized excess equipment designated as MW (in RGCs/SWDBs) to 200 Area by 11/30/00 (reference 5)[2].	P	Shipping has been completed for ~~two (2)~~three (3) of the expected five (5) SWDBs containing MW equipment RGCs, including the following: RGC-324-00-083 (09/28/00) RGC-324-00-103 (09/30/00) RGC-324-00-104 (01/15/01)	~~40%~~60%			

[2] Reference 5, Attachment 6, indicates that all collected mixed waste must be removed from the 324 Building B-Cell and placed in compliant, long-term storage in the 200 Area prior to the deadline established by M-89-02 (November 30, 2000).

	Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
2d	Remove containerized excess equipment designated as non-MW (in grout containers) from B-Cell (to be staged in A-Cell) by 11/30/00 (reference 5)[3].	P	Thirty-five (35) of the forty (40) expected grout containers filled with non-MW excess equipment have been removed from B-Cell.	87%			
2e	Ship excess equipment designated as non-MW (in grout containers) to 200 Area storage by 7/31/01 (reference 5)[3]	P	Seventeen (17) of the forty (40) expected grout containers filled with excess equipment have been shipped to 200 Area storage.	42%			

[3] Reference 5, Attachment 6, indicates that the non-mixed waste (grout containers) removed from B-Cell (and stored/staged in A-Cell) will be moved to compliant, long-term storage in the 200 Area. Reference 5 indicates that the deadline for this activity will appear as a DOE (RL) milestone for the next fiscal year (2001) and will occur within eight months after the completion date required by Tri-Party Agreement Milestone M-89-02 (i.e., within eight months after November 30, 2000).

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed

2f Following "Required" equipment to remain in B-Cell to support closure activities (reference 1):
• Cell penetration plugs
• West window work tray
• 10-ton crane (overhead crane)
• 3-ton crane (overhead crane)
• Two temporary fuel storage racks[4]
• Fuel pin storage container (gattling gun)[4], west wall
• Fuel thimbles[4], west side of B-Cell in fuel storage racks
• Installed electrostatic precipitators and HEPA (particulate) filters, north wall
• Installed manipulators
• Empty grout containers, lids, engineered containers, RGCs
• Useable deactivation equipment including following (references 1 and 4):
  • Fire protection hoses and nozzles (needed for fire protection)
  • Installed and functioning camera systems, including pan/tilt heads, mounts, etc. (needed for size reduction of fuel storage equipment, as well as cleanout of pipe trench and D-Cell)
(Continued on next page)						

[4] SNF currently stored within B-Cell will remain in B-Cell pending availability of the 200 Area Interim Storage Area (ISA). This is a delay in the removal of the fuel out of B-Cell. The former schedule had an interim movement of this fuel out of B-Cell and into A-Cell pending availability of the ISA. The project will benefit by eliminating this interim move within the facility and result in an earlier shipment of SNF out of the 324 Building, and allow for an overall better sequencing of closure activities within the 324 Building.

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
• Useable deactivation equipment (continued) • Fixed and portable lights (needed for viewing the cell) • Jib crane (accompanies 3-ton crane) and auxiliary hooks for 10-ton and 3-ton cranes (needed for fuel pin consolidation and size reduction of fuel storage equipment) • Torches and cables (needed for size reduction of fuel storage equipment) • Clamshells (needed for removal of size reduced fuel storage equipment as well as cleanout of pipe trench and D-Cell) • Dispersibles Removal System (DRS) attachments (needed for cleanout of D-Cell particulate material) • Vacuum system and hoses (needed for cleanout of D-Cell and pipe trench material) • Extension cords and cables (needed for operating installed equipment including electrostatic precipitators, portable lights, cameras, and DRS system) • Labounty shear (needed for size reduction of fuel storage rack) • Rinsing equipment (needed to support future deactivation packaging and loadout of low-level waste and transuranic waste materials and equipment into 3-82B grout containers) • Grouting equipment (needed for grouting future low-level; waste 3-82B grout containers)						

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
3) Third Distinct Action (reference 1):						
Removal of debris from B-Cell Performance Standard for Third Distinct Action: • Miscellaneous debris (i.e., tools, metal scrap, manipulator boots) located on B-Cell floor will be removed from B-Cell and packaged for removal • Packaged debris will be removed from the REC B-Cell						
Activity(s)/Measure(s): 3a Collect debris from B-Cell (reference 1)	P	Debris is collected using clamshelling method. Clamshelling has been performed in open areas. Remaining clamshelling will be statused using systematic grid approach.	~~30%~~95%			
3b Rinse and package debris consistent with the size-reduced equipment removed from B-Cell (reference 1)						

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
Activity(s)/Measure(s) (continued): 3b.1 Containerize non-MW debris using cylindrical Grout Containers (GCs) (reference 5):	P	Containerization of non-MW debris into cylindrical grout containers (GC) is essentially completed. Remaining clamshelling of B-Cell debris is expected to yield entirely MW debris, based on virtually all non-MW debris already having been recovered and containerized. MW debris is containerized within RGCs (addressed in Section 3.b.2 below).	~~90%~~95%			
3b.2 Containerize MW debris using Rectangular Grout Containers (RGCs) (reference 5):	P	Containerization of MW debris (by clamshelling, Section 3a) is approximately 30% complete. The upcoming effort to scrape the B-Cell floor and clamshell dispersibles into RGCs (Section 1a) will effectively containerize remaining MW debris. The MW debris is being containerized into the RGCs addressed in Section 1a (MW dispersibles) and Section 2b (MW excess equipment) for packaging efficiency reasons.	~~30%~~95%			
3c Remove containerized debris from B-Cell (reference 1)						

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
Activity(s)/Measure(s) (continued): 3c.1 Remove containerized non-MW debris (GCs) from B-Cell (to be staged in A-Cell) by 11/30/00 (reference 5)[5]	P	Non-MW debris has been containerized into the same GCs addressed in Section 2d (non-MW excess equipment) for packaging efficiency reasons. Thirty-five (35) of the forty (40) expected non-MW GCs have been removed from B-Cell.	87%			
3c.2 Remove containerized MW debris (RGCs) from B-Cell by 11/30/00 (reference 5)	P	~~Two (2)~~Six (6) of the expected nine (9) dispersibles RGCs (Section l.d.1) has been removed from B-Cell.	~~22%~~67%			
3d Ship containerized debris to 200 Area compliant storage (reference 1)						
3d.1 Ship containerized non-MW debris (GCs in liner assembly/3-82 B cask) to 200 area compliant storage by 7/31/01 (reference 5)[5]. Approximately five of the GCs will be categorized as low-level waste and are expected to therefore require grouting (in B-Cell) prior to shipment.	P	Seventeen (17) of the expected forty (40) non-MW GCs (Section 2e) have been shipped to 200 Area storage.	42%			
3d.2 Ship containerized MW debris (RGCs in Rectangular Overpack Disposal Container / Steel Waste Disposal Box, SWDB) to 200 Area compliant storage by 11/30/00 (reference 5)[6]	P	~~Two (2)~~Four (4) of the expected nine (9) dispersibles RGCs (Section 1.d.2) has been shipped to CWC.	~~22%~~44%			

[5] Reference 5, Attachment 6, indicates that the non-mixed waste (grout containers) removed from B-Cell (and stored/staged in A-Cell) will be moved to compliant, long-term storage in the 200 Area. It also indicates that the deadline for this activity will appear as a DOE milestone for the next fiscal year (2001) and will occur within eight months after the completion date required by Tri-Party Agreement Milestone M-89-02 (i.e., within eight months of November 30, 2000).

[6] Reference 5, Attachment 6, indicates that all collected mixed waste must be removed from the 324 Building B-Cell and placed in compliant, long-term storage in the 200 Area prior to the deadline established by M-89-02 (November 30, 2000).

Attachment 7

324 Building M-89-02 Checklist as of 1/31/01

324 BUILDING – TRI-PARTY AGREEMENT MILESTONE M-89-02 CHECKLIST – JANUARY 31, 2001

The Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Milestone M-89-02 is defined in Tri-Party Agreement Change Number M-89-98-03 (Reference 1 below) as "Complete removal of 324 Building REC B-Cell MW and Equipment". The M-89-98-03 change indicates that containerized mixed-waste (MW) will be managed in compliance with Chapter 173.303 WAC (Washington Administrative Code, Dangerous Waste Regulations), thereby reducing risks to human health and the environment. It also indicates that any remaining residues will be managed through the final closure process.

The checklist provided consists of a list of the actions and conditions described in the DOE RL letter number 00-FTD-006, "Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Interim Milestone M-89-02, Complete Removal of 324 Building REC B-Cell MW and Equipment, November 30, 2000" (Reference 2 below). The RL letter was submitted to Ecology on December 08, 1999. The RL letter provided an Attachment and a Table to provide greater definition for the performance standards to be met by interim milestone M-89-02. Ecology concurred with RL letter 00-FTD-006 in a response letter (same subject) to RL, dated February 28, 2000 (Reference 3 below). Detailed B-Cell equipment information regarding useable deactivation equipment was provided in a one-page information handout at the May 18, 2000, Project Manager Meeting (Reference 4 below). Ecology provided clarifications regarding the interim milestone M-89-02 in a one-page handout at the August 9, 2000, Project Managers' Meeting (Reference 5, Attachment 6, Ecology handout regarding use of 90-day MW accumulation area and clarifications regarding M-89-02 milestone performance standard).

Note: The non-shaded areas in the checklist table will be used to provide status information for activities/measures.

References:

1) TPA Change Number M-89-98-03, for Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement, TPA), regarding Milestone M-89-02, November 1998
2) DOE RL Letter No. 00-FTD-006, "Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Interim Milestone M-89-02, Complete Removal of 324 Building REC B-Cell MW and Equipment, November 30, 2000", dated December 08, 1999
3) Ecology letter dated February 28, 2000, same subject as reference (2)
4) 324 REC/HLV Project Managers' Meeting, May 18, 2000, Meeting Minutes, Attachment 4, List of Usable Deactivation Equipment, 324 Building, M-89-02, Detailed B-Cell Equipment Information 5/18/00
5) 324 REC/HLV Project Managers' Meeting, August 9, 2000, Meeting Minutes

324 BUILDING B-CELL MILESTONE M-89-02 WASTE SUMMARY

Steps	(1) Dispersibles		(2) Excess Equipment		(3) Debris	
	MW	Non-MW	MW	Non-MW	MW	Non-MW
Collect waste	X	-	-	-	X	X
Containerize	X	-	X	X	X	X
Remove/Stage	X	-	X	X	X	X
Ship containers	X	-	X	X	X	X

324 BUILDING TRI-PARTY AGREEMENT INTERIM MILESTONE M-89-02 CHECKLIST SHOWING STATUS AS OF 01/31/01

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
1) First Distinct Action for M-89-02 (reference 1): Mixed waste (MW) must be containerized, removed from B-Cell and placed in a condition that is compliant with Chapter173.303 of the WAC Performance standard for First Distinct Action: • Removal of MW from the REC B-Cell requires the collection and containerization of dispersible material from the B-Cell • Collection will not include destructive and/or chemical methods (i.e., spalling or decontamination washes) so that a determination of liner interity (closure activity required post M-89-02) can be made prior to liner decontamination • The dispersible material will be containerized in a compliant (with receipt facility acceptance criteria) container system • Containerized dispersible material will be removed from REC B-Cell and may be moved to an interim storage area						
Activity(s)/Measure(s): 1a Perform collection and containerization of dispersibles through retrieval with a pneumatic clamshell from the B-Cell floor (reference 1)	P	Clamshelling of open areas has been performed. Additional clamshelling was performed after partially clearing and scraping the floor.	95%			

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
1b Following clamshelling (1a above), collect dispersibles by performing a filtered vacuum of the B-Cell floor (reference 1) (NOTE: Invite Ecology to observe vacuuming and documentation.)		Cold testing of vacuuming equipment has been performed outside of B-Cell. Vacuuming will be statused based on systematic grid approach.	0%			
1c Transfer dispersibles collected by these methods into containers for interim storage (reference 5, Section 5.6, directly loading MW dispersibles into rectangular grout containers))	P	An estimated nine (9) RGCs will contain primarily dispersibles Transfer of dispersibles into RGCs has been completed for six (6) of nine (9) expected dispersibles RGCs, including following containers: RGC-324-00-123 (RGC-5) RGC-324-00-114 (RGC-8) RGC-324-00-117 (RGC-9) RGC-324-00-101 RGC-324-00-102 RGC-324-00-119 These RGCs contain some MW debris and MW equipment, but will be tracked as dispersibles RGCs on this checklist. Dispersibles contained in engineered containers (EC) located in the B-Cell wagon wheel storage rack have been transferred into RGCs.	67%			

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
Activity(s)/Measure(s) (continued): 1d Move containerized dispersibles to a compliant mixed waste storage area (reference 1)						

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
1d.1 Remove containerized MW dispersible material from B-Cell (reference 1). -MW containers will be staged/moved to a 324 Building 90-day MW accumulation area after packaging and radiological survey. This provides waste management controls commensurate with WAC 173-303 dangerous waste accumulation requirements. Ecology concurrence (through enforcement discretion) is applicable for this activity since the MW is not newly generated (reference 5).	P	An estimated nine (9) RGCs will contain mostly dispersibles. Six (6) of the nine (9) expected dispersibles RGCs have been removed from B-Cell, including the following: RGC-324-00-123 (RGC-5) RGC-324-00-114 (RGC-8) RGC-324-00-101 RGC-324-00-102 RGC-324-00-117 RGC-324-00-119 The SWDB containing RGC-324-00-117 (formerly RGC-9) has bottom hot spots exceeding 1000 millirem/hr and is staged in the 90-day area.	67%			

	Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
1d.2	Complete shipment (and receipt) of containerized MW dispersible material to 200 Area Central Waste Complex compliant MW storage area by 11/30/00 (reference 5)[1]	P	Shipping has been completed for four (4) of the nine (9) expected dispersibles RGCs, including the following: RGC-324-00-114 (10/09/00) RGC-324-00-123 (12/01/00) RGC-324-00-101 (01/09/01) RGC-324-00-102 (01/26/01)	44%			

[1] Reference 5, Attachment 6, indicates that *all collected mixed waste* must be removed from the 324 Building B-Cell and placed in compliant, long-term storage in the 200 Area prior to the deadline established by M-89-02 (November 30, 2000).

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
2) Second Distinct Action for M-89-02 (reference 1):						
The second distinct action required under interim milestone M-89-02 requires the removal of excess equipment from the REC B-Cell Table attached to RL letter 00-FTD-006 provides all equipment currently within the REC B-Cell and defines "Excess" versus "Required" equipment Performance Standard for Second Distinct Action: • Removal and containerization of all equipment (excluding Spent Nuclear Fuel) from B-Cell not required for the implementation of further closure actions and/or deactivation endpoints as established in the Closure Plan and the 324/327 Buildings integrated Project Management Plan (PMP), HNF-1289 • Excess equipment is defined in the attachment (pages 4-6) to RL letter 00-FTD-006, which provides the listing of B-Cell and a determination of its disposition status per M-89-02						

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
Activity(s)/Measure(s): 2a Containerize following "Excess" equipment from B-Cell (reference 1):						
2a.1 Rack 2A and remaining portions of previously size reduced racks	P	The last process rack, 2A, was size reduced in April 2000 and the last remnants (contained within non-MW grout containers) were relocated to A-Cell in June 2000. There is still one RGC in B-Cell with portions of rack components.	90%			
2a.2 2,265-kilogram steel block		This item is also called the 5,000 lb block, and it is scheduled to be deconned to contact handled levels and placed into a 5x5x9 box.				
2a.3 Sump trench cover screen (east end of B-Cell floor)						

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
2a.4 Waste containers (with contents requiring *transfer into other containers*) i.e., grout containers (non-MW), engineered containers (MW), and rectangular grout containers (RGC) (MW). These include GC-88, GC-115, GC-120, RGC-0, and engineered containers in wagon wheel.	P	Disposition/repackaging of waste from all of the subject five (5) items has been completed, including: GC-115 GC-120 GC-88 Wagon wheel EC dispersible RGC-0 Repackaging of contents of RGC-0 was completed. All wagon wheel EC dispersibles have been loaded into RGCs. The wagon wheel storage rack now contains two (2) empty ECs.	100%			
2a.5 Storage rack (wagon wheel holding engineered containers) used for Special-Case Waste and MW.						

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
Activity(s)/Measure(s) (continued) 2b Remove containerized excess equipment designated as MW (in RGCs) from B-Cell (reference 1).	P	The lead shield plugs have been removed from B-Cell. Three (3) of the five (5) expected MW equipment RGCs have been removed from B-Cell, including the following: RGC-324-00-083 (RGC-4) RGC-324-00-103 (RGC-6) RGC-324-00-104 One RGC still in B-Cell has been filled with equipment, including condensers, rack filters, and some items from RGC-0, and is awaiting loadout from B-Cell.	60%			
2c Ship containerized excess equipment designated as MW (in RGCs/SWDBs) to 200 Area by 11/30/00 (reference 5)[2].	P	Shipping has been completed for three (3) of the expected five (5) SWDBs containing MW equipment RGCs, including the following: RGC-324-00-083 (09/28/00) RGC-324-00-103 (09/30/00) RGC-324-00-104 (01/15/01)	60%			

[2] Reference 5, Attachment 6, indicates that all collected mixed waste must be removed from the 324 Building B-Cell and placed in compliant, long-term storage in the 200 Area prior to the deadline established by M-89-02 (November 30, 2000).

	Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
2d	Remove containerized excess equipment designated as non-MW (in grout containers) from B-Cell (to be staged in A-Cell) by 11/30/00 (reference 5)[3].	P	Thirty-five (35) of the forty (40) expected grout containers filled with non-MW excess equipment have been removed from B-Cell.	87%			
2e	Ship excess equipment designated as non-MW (in grout containers) to 200 Area storage by 7/31/01 (reference 5)[3]	P	Seventeen (17) of the forty (40) expected grout containers filled with excess equipment have been shipped to 200 Area storage.	42%			

[3] Reference 5, Attachment 6, indicates that the non-mixed waste (grout containers) removed from B-Cell (and stored/staged in A-Cell) will be moved to compliant, long-term storage in the 200 Area. Reference 5 indicates that the deadline for this activity will appear as a DOE (RL) milestone for the next fiscal year (2001) and will occur within eight months after the completion date required by Tri-Party Agreement Milestone M-89-02 (i.e., within eight months after November 30, 2000).

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed

2f Following "Required" equipment to remain in B-Cell to support closure activities (reference 1):
• Cell penetration plugs
• West window work tray
• 10-ton crane (overhead crane)
• 3-ton crane (overhead crane)
• Two temporary fuel storage racks[4]
• Fuel pin storage container (gattling gun)[4], west wall
• Fuel thimbles[4], west side of B-Cell in fuel storage racks
• Installed electrostatic precipitators and HEPA (particulate) filters, north wall
• Installed manipulators
• Empty grout containers, lids, engineered containers, RGCs
• Useable deactivation equipment including following (references 1 and 4):
  • Fire protection hoses and nozzles (needed for fire protection)
  • Installed and functioning camera systems, including pan/tilt heads, mounts, etc. (needed for size reduction of fuel storage equipment, as well as cleanout of pipe trench and D-Cell)
(Continued on next page)						

[4] SNF currently stored within B-Cell will remain in B-Cell pending availability of the 200 Area Interim Storage Area (ISA). This is a delay in the removal of the fuel out of B-Cell. The former schedule had an interim movement of this fuel out of B-Cell and into A-Cell pending availability of the ISA. The project will benefit by eliminating this interim move within the facility and result in an earlier shipment of SNF out of the 324 Building, and allow for an overall better sequencing of closure activities within the 324 Building.

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed

• Useable deactivation equipment (continued)
  • Fixed and portable lights (needed for viewing the cell)
  • Jib crane (accompanies 3-ton crane) and auxiliary hooks for 10-ton and 3-ton cranes (needed for fuel pin consolidation and size reduction of fuel storage equipment)
  • Torches and cables (needed for size reduction of fuel storage equipment)
  • Clamshells (needed for removal of size reduced fuel storage equipment as well as cleanout of pipe trench and D-Cell)
  • Dispersibles Removal System (DRS) attachments (needed for cleanout of D-Cell particulate material)
  • Vacuum system and hoses (needed for cleanout of D-Cell and pipe trench material)
  • Extension cords and cables (needed for operating installed equipment including electrostatic precipitators, portable lights, cameras, and DRS system)
  • Labounty shear (needed for size reduction of fuel storage rack)
  • Rinsing equipment (needed to support future deactivation packaging and loadout of low-level waste and transuranic waste materials and equipment into 3-82B grout containers)
  • Grouting equipment (needed for grouting future low-level; waste 3-82B grout containers)						

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
3) *Third Distinct Action (reference 1):*						
Removal of debris from B-Cell Performance Standard for Third Distinct Action: • Miscellaneous debris (i.e., tools, metal scrap, manipulator boots) located on B-Cell floor will be removed from B-Cell and packaged for removal • Packaged debris will be removed from the REC B-Cell						
Activity(s)/Measure(s): 3a Collect debris from B-Cell (reference 1)	P	Debris is collected using clamshelling method. Clamshelling has been performed in open areas. Remaining clamshelling will be statused using systematic grid approach.	95%			
3b Rinse and package debris consistent with the size-reduced equipment removed from B-Cell (reference 1)						

Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
Activity(s)/Measure(s) (continued): 3b.1 Containerize non-MW debris using cylindrical Grout Containers (GCs) (reference 5):	P	Containerization of non-MW debris into cylindrical grout containers (GC) is essentially completed. Remaining clamshelling of B-Cell debris is expected to yield entirely MW debris, based on virtually all non-MW debris already having been recovered and containerized. MW debris is containerized within RGCs (addressed in Section 3.b.2 below).	95%			
3b.2 Containerize MW debris using Rectangular Grout Containers (RGCs) (reference 5):	P	Containerization of MW debris (by clamshelling, Section 3a) is approximately 30% complete. The upcoming effort to scrape the B-Cell floor and clamshell dispersibles into RGCs (Section 1a) will effectively containerize remaining MW debris. The MW debris is being containerized into the RGCs addressed in Section 1a (MW dispersibles) and Section 2b (MW excess equipment) for packaging efficiency reasons.	95%			
3c Remove containerized debris from B-Cell (reference 1)						

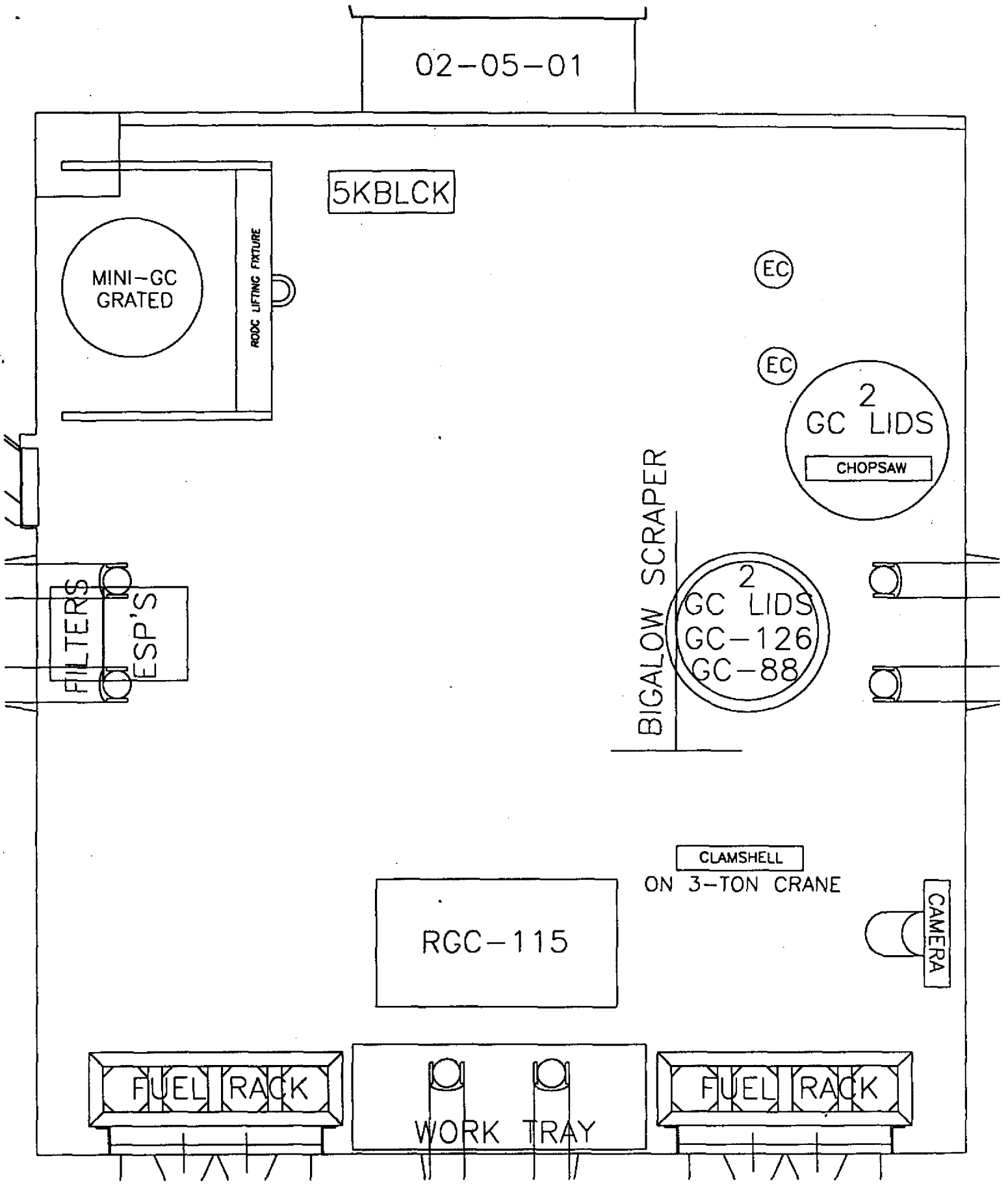
Action/Requirement/Conditions	Status (Complete (X) In Progress (P)	Status Statement	% Complete	Estimated Completion Date	Actual Completion Date	Documentation Completed
Activity(s)/Measure(s) (continued): 3c.1 Remove containerized non-MW debris (GCs) from B-Cell (to be staged in A-Cell) by 11/30/00 (reference 5)[5]	P	Non-MW debris has been containerized into the same GCs addressed in Section 2d (non-MW excess equipment) for packaging efficiency reasons. Thirty-five (35) of the forty (40) expected non-MW GCs have been removed from B-Cell.	87%			
3c.2 Remove containerized MW debris (RGCs) from B-Cell by 11/30/00 (reference 5)	P	Six (6) of the expected nine (9) dispersibles RGCs (Section 1.d.1) has been removed from B-Cell.	67%			
3d Ship containerized debris to 200 Area compliant storage (reference 1)						
3d.1 Ship containerized non-MW debris (GCs in liner assembly/3-82 B cask) to 200 area compliant storage by 7/31/01 (reference 5)[5]. Approximately five of the GCs will be categorized as low-level waste and are expected to therefore require grouting (in B-Cell) prior to shipment.	P	Seventeen (17) of the expected forty (40) non-MW GCs (Section 2e) have been shipped to 200 Area storage.	42%			
3d.2 Ship containerized MW debris (RGCs in Rectangular Overpack Disposal Container / Steel Waste Disposal Box, SWDB) to 200 Area compliant storage by 11/30/00 (reference 5)[6]	P	Four (4) of the expected nine (9) dispersibles RGCs (Section 1.d.2) has been shipped to CWC.	44%			

[5] Reference 5, Attachment 6, indicates that the non-mixed waste (grout containers) removed from B-Cell (and stored/staged in A-Cell) will be moved to compliant, long-term storage in the 200 Area. It also indicates that the deadline for this activity will appear as a DOE milestone for the next fiscal year (2001) and will occur within eight months after the completion date required by Tri-Party Agreement Milestone M-89-02 (i.e., within eight months of November 30, 2000).

[6] Reference 5, Attachment 6, indicates that all collected mixed waste must be removed from the 324 Building B-Cell and placed in compliant, long-term storage in the 200 Area prior to the deadline established by M-89-02 (November 30, 2000).

Attachment 8

Sketch of items in B-Cell as of 2/5/01


02-05-01
5KBLCK
MINI-GC GRATED
RODC LIFTING FIXTURE
EC
EC
2 GC LIDS
CHOPSAW
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